

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	0	(register brightness saturate threshold pixel redistribute) .clm.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/25 16:03
L5	1	(register pixel brightness redistribut\$4 threshold) .clm.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/25 16:04
L6	0	(instruction processor register pixel brightnes threshold) .clm.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/25 16:05
L7	1	(register brightness pixel saturat\$4 redistribut\$4) .clm.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/25 16:05
L8	3	(brightness profile backlight adjustable intensity) .clm.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/25 16:07
L9	1	(brightness same profile same backlight same adjustable same intensity) .clm.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/25 16:07
S1	1753	345/102	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2006/12/12 13:35
S2	16	register saturation threshold S1	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2006/12/12 13:32
S3	56	register near saturation	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2006/12/12 13:33

## EAST Search History

S4	1	S1 S3	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2006/12/12 13:32
S5	119	register near saturat\$3	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2006/12/12 13:34
S6	397	power consum\$4 S1	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2006/12/12 13:36
S7	17	power consum\$4 S1 color histogram	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2006/12/12 13:36
S8	34	variable near backlight\$4 "1"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2006/12/12 15:41
S9	1753	345/102	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2006/12/12 15:41
S10	9	variable near backlight\$4 S9	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2006/12/12 15:51
S11	75	variable same backlight\$4 S9	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2006/12/12 15:42
S12	0	2003/0212221	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2006/12/12 15:51
S13	0	2003/02102221	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2006/12/12 15:51

## EAST Search History

S14	1	2003/0210221	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2006/12/12 15:52
S15	2	"20030210221"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2006/12/12 15:52
S16	2	"20050057485"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2006/12/14 10:00
S17	1761	345/102	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2006/12/14 10:00
S18	300	register S17	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2006/12/14 10:00
S19	95	threshold S18	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2006/12/14 10:01
S20	19536	register same threshold	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2006/12/14 10:02
S21	17	S20 S17	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2006/12/14 10:02
S22	11	S20 S17 brightness	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2006/12/14 10:13
S23	1183	brightness same value same register	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2006/12/14 10:13

## EAST Search History

S24	401	brightness same value same register same image	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2006/12/14 10:13
S25	37	brightness same value same register same image satur\$4	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2006/12/14 10:16
S26	1580	register with saturat\$4	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2006/12/14 10:16
S27	683	image S26	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2006/12/14 10:17
S28	246	brightness S26	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2006/12/14 10:29
S29	2	luminance S16	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2006/12/14 10:17
S30	134	luminance S26	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2006/12/14 10:17
S31	1359	345/690	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2006/12/14 10:29
S32	377	register S31	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2006/12/14 10:30
S33	56	register S31 saturat\$4	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2006/12/14 10:38

## EAST Search History

S34	35	register S31 saturat\$4 threshold	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2006/12/14 10:48
S35	47	345/559 (brightness or luminance)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2006/12/14 10:49
S36	8039	brightness and value and (threshold or saturat\$3) register	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/05 12:42
S37	149	brightness same value same (threshold or saturat\$3) same register	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/05 12:51
S38	1	brightness same value same (threshold or saturat\$3) same register same back\$1light	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/05 12:47
S39	27	brightness same (register with (saturat\$3 or threshold)) same pixel	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/05 12:52
S40	25	brightness same (register with (saturat\$3 or threshold)) same pixel same value	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/05 12:53
S41	56	register near saturation	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/05 13:07
S42	206	345/559	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/05 13:09
S43	1399	345/690	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/05 13:09

## EAST Search History

S44	1298711	saturat\$3 or threshold	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/05 13:09
S45	57836	8b S44	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/05 13:09
S46	528	S43 S44	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/05 13:11
S47	1188	register same brightness same value	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/05 13:11
S48	1950	register same (brightness or luminance) same value	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/05 13:11
S49	34109	back\$light	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/05 13:12
S50	115	S47 S49	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/05 13:15
S51	147	S48 S49	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/05 13:12
S52	86	S51 saturat\$3	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/05 13:20
S53	0	register same brightnes same histogram same value	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/05 13:20

## EAST Search History

S54	20	register same brightness same histogram same value	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/05 13:20
S55	1805	345/102	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/05 14:46
S56	871	backlight S55	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/05 14:50
S57	437	backlight S55 increase brightness	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/05 14:52
S58	83	backlight S55 increase brightness register	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/05 14:57
S59	206	345/559	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/05 15:04
S60	1	brightness same control same excess same saturat\$4 same histogram	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/05 15:06
S61	0	brightness same2 control same2 excess same2 saturat\$4 same2 histogram	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/05 15:06
S62	26	brightness same control same saturat\$4 same histogram	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/05 15:21
S63	0	brightness same control same saturat\$4 same histogram same (re\$1distribut\$4 or re\$1assign or re\$1allocat\$3)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/05 15:23

## EAST Search History

S64	1	pixel same saturat\$4 same histogram same (re\$1distribut\$4 or re\$1assign or re\$1allocat\$3)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/05 15:23
S65	6	pixel same saturat\$4 same (re\$1distribut\$4 or re\$1assign or re\$1allocat\$3)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/05 15:25
S66	656	saturat\$4 same (re\$1distribut\$4 or re\$1assign or re\$1allocat\$3)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/05 15:25
S67	8	register same saturat\$4 same (re\$1distribut\$4 or re\$1assign or re\$1allocat\$3)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/05 15:26
S68	930	register and saturat\$4 and (re\$1distribut\$4 or re\$1assign or re\$1allocat\$3)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/05 15:26
S69	139	register and saturat\$4 and (re\$1distribut\$4 or re\$1assign or re\$1allocat\$3) and pixel and brightness	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/05 15:27
S70	0	bightness pixel histogram shift overflow saturation	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/19 14:19
S71	1	bightness pixel histogram saturation	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/19 14:21
S72	1069	(bightness or luminance) pixel histogram saturation	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/19 14:21
S73	258	(bightness or luminance) pixel histogram saturation register	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/19 14:23



## EAST Search History

S74	77	(bightness or luminance) pixel histogram (saturat\$4 same register)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/19 14:27
S75	23	(bightness or luminance) histogram pixel redistribute number	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/19 15:15
S76	3	histogram same re\$1distribut\$3 same pixel same number same (luminance or brightness)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/19 15:19
S77	5	histogram same re\$1distribut\$3 same pixel same (luminance or brightness)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/19 15:21
S78	142	histogram same saturat\$3 same pixel same (luminance or brightness)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/19 15:21
S79	13	histogram near equilization	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/19 15:40
S80	820	histogram same pixel same number same (brightness or luminance)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/19 16:33
S81	344	histogram same pixel same number same (brightness or luminance) exceed	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/19 16:33
S82	143	histogram same pixel same number same (brightness or luminance) exceed saturat\$4	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/19 16:33
S83	21	histogram same pixel same number same (brightness or luminance) same exceed saturat\$4	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/19 16:33

## EAST Search History

S84	46	histogram same pixel same number same (brightness or luminance) same saturat\$4	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/19 16:37
S85	10	histogram same pixel same number same (brightness or luminance) same saturat\$4 same (distribut\$3 or re\$1distribut\$3)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/19 17:15
S86	2	histogram same pixel same number same (brightness or luminance) same saturat\$4 same (modification)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/19 17:15
S87	38	histogram same modif\$7 same (luminance or brightness) same pixel same number	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/19 17:20
S88	42	histogram same modif\$7 same (luminance or brightness) same pixel same (number or count)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/19 17:23
S89	57	histogram same modif\$7 same (luminance or brightness or gr\$1y\$1scale) same pixel same (number or count)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/19 17:23
S90	17	histogram same modif\$7 same (luminance or brightness or gr\$1y\$1scale) same pixel same (number or count) saturat\$4	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/19 17:24
S91	14	histogram same modif\$7 same (luminance or brightness or gr\$1y\$1scale) same pixel same (number or count) (distribute or re\$1distribut\$4)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/19 17:25
S92	4	(LCD or (liquid near crystal near display)) backlight luminance brightness histogram pixel number distribute	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/19 17:28
S93	121	histogram brightness luminance grey\$scale contrast pixel number	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/19 17:30

## EAST Search History

S94	40	adaptive same luminance same histogram	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/22 15:07
S95	22	(US-20050270265-\$ or US-20050057485-\$ or US-20030059110-\$ or US-20060256240-\$ or US-20060071899-\$ or US-20060001641-\$ or US-20030001815-\$ or US-20040165003-\$ or US-20020122020-\$ or US-20010046321-\$).did. or (US-6101294-\$ or US-6393148-\$ or US-4868651-\$ or US-7119786-\$ or US-6839048-\$ or US-5760760-\$ or US-4007327-\$ or US-6441829-\$ or US-6384836-\$ or US-6559837-\$ or US-6046777-\$).did. or (GB-2158319-\$).did.	US-PGPUB; USPAT; DERWENT	AND	ON	2007/01/22 14:15
S96	12	histogram S95	US-PGPUB; USPAT; DERWENT	AND	ON	2007/01/22 13:36
S97	2	ambient look S95	US-PGPUB; USPAT; DERWENT	AND	ON	2007/01/22 14:16
S98	5	ambient S95	US-PGPUB; USPAT; DERWENT	AND	ON	2007/01/22 14:16
S99	0	("2006/0071899").URPN.	USPAT	AND	ON	2007/01/22 14:36
S10 0	3484	(alter or modif\$7 or change) look\$1up table ambient (light or brightness or luminance or greyscale or half\$1tone)	USPAT	AND	ON	2007/01/22 14:37
S10 1	191	back\$1light S100	USPAT	AND	ON	2007/01/22 14:38
S10 2	147	back\$1light S100 color	USPAT	AND	ON	2007/01/22 14:39
S10 3	54	back\$1light S100 color histogram	USPAT	AND	ON	2007/01/22 14:41
S10 4	2869	(brightness or luminance) ambient backlight	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/22 15:07

## EAST Search History

S10 5	2264	S104 (correct or change or modify)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/22 15:09
S10 6	198	S105 color Look\$1up table	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/22 15:35
S10 7	0	decrease same intensity same maintain same image same quality	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/22 15:36
S10 8	2194	(color near look\$1up near table)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/22 15:36
S10 9	13369	(color near look\$1up near table) or CLUT	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/22 15:36
S11 0	32063	(color near look\$1up near table) or CLUT or LUT	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/22 15:37
S11 1	1	S110 same modify same brightness same histogram	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/22 15:38
S11 2	832	histogram same (LUT or (look near up near table))	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/22 15:39
S11 3	459	(brightness or luminance or grey\$1scale) S112	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/22 15:39
S11 4	176	(brightness or luminance or grey\$1scale) same S112	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/23 09:57

## EAST Search History

S11 5	3	(brightness or luminance or grey\$1scale) same S112 same backlight	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/22 15:40
S11 6	543	345/207	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/23 09:57
S11 7	1835	345/102	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/23 09:57
S11 8	128	S116 S117	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/23 10:00
S11 9	0	S118 power consumption	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/23 10:01
S12 0	55	S118 reduce power	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/23 10:58
S12 1	12	histogram S116	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/23 11:00
S12 2	53	histogram S117	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/23 11:00
S12 3	0	("2005/0270265").URPN.	USPAT	AND	ON	2007/01/23 11:12
S12 4	1	("2006/0071899").URPN.	USPAT	AND	ON	2007/01/23 11:13
S12 5	154	348/672	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/23 11:34

## EAST Search History

S12 6	113	S125 histogram	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/23 11:35
S12 7	10	S126 modify look\$1up	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/23 11:37
S12 8	38	S126 look\$1up table change	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/23 11:39
S12 9	34	S126 look\$1up table change (luminance or brightness)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/23 13:32
S13 0	77	modify same look\$1up same (brightness or luminance)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/23 13:33
S13 1	26	(US-20050270265-\$ or US-20050057485-\$ or US-20030059110-\$ or US-20060256240-\$ or US-20060071899-\$ or US-20060001641-\$ or US-20030001815-\$ or US-20040165003-\$ or US-20020122020-\$ or US-20010046321-\$ or US-20020118182-\$).did. or (US-6101294-\$ or US-6393148-\$ or US-4868651-\$ or US-7119786-\$ or US-6839048-\$ or US-5760760-\$ or US-4007327-\$ or US-6441829-\$ or US-6384836-\$ or US-6559837-\$ or US-6046777-\$ or US-5907222-\$ or US-6388388-\$ or US-6590561-\$). did. or (GB-2158319-\$).did.	US-PGPUB; USPAT; DERWENT	AND	ON	2007/01/23 14:15
S13 2	2	S131 (color near look\$1up near table)	US-PGPUB; USPAT; DERWENT	AND	ON	2007/01/23 14:16
S13 3	10	S131 (look\$1up near table)	US-PGPUB; USPAT; DERWENT	AND	ON	2007/01/23 14:21

## EAST Search History

S13 4	154	348/672	US-PGPUB; USPAT; DERWENT	AND	ON	2007/01/23 14:21
S13 5	18	"6148103"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/24 09:28